

1 1. (Amended) A brushless motor comprising:

2 a rotor with a permanent magnet having P (P is an integer not less
3 than two) polarities; and

4 a stator facing said rotor and having a plurality of coils,

5 wherein any one of the coils has isosceles sides interlinking with a
6 magnetic field generated by the polarities extension lines of the isosceles sides
7 extending along centers of winding-bundles of the coil, crossing each other at a
8 shaft center and having a vertex angle of $360/P$ degree.

Aa 1 4. (Amended) The brushless motor as defined in Claim 3,

2 wherein the coils adjacent to each other are spaced out at intervals of $(360/P) \times$
3 $(5/3)$ degree.

A3

1 2 3 4 5 6 7 8 9